National Institute of Environmental Health Sciences

Impact of climate change on infectious diseases

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Abstract:

Global climate change is a common phenomenon today. It is mainly caused by increasing greenhouse gas emissions. It has been proven that global climate change affect the emergence and spread of infectious diseases. This applies to both climate change as a whole, as well as individual factors such as temperature, rainfall, humidity, etc. These changes may directly impact the pathogen, and indirectly the vectors of these pathogens. They can also affect the resistance of humans and animals. The association between the emergence of infectious disease outbreaks and global climate change was also shown. This problem should be taken seriously when considering the development of effective prevention programs.

Source: http://www.pjoes.com/abstracts/2012/Vol21/No03/list.html

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Meteorological Factors, Precipitation, Temperature, Unspecified Exposure

Temperature: Fluctuations

Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

Geographic Location:

resource focuses on specific location

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Infectious Disease

Infectious Disease: General Infectious Disease, Vectorborne Disease

Vectorborne Disease: General Vectorborne

Resource Type:

format or standard characteristic of resource

Review

Timescale:

time period studied

Time Scale Unspecified